QUESTIONNAIRE I: CONSEQUENCE ASSESSMENT MODELS

SPECIFIC CHARACTERISTICS

PART A: SOURCE TERM SUBMODEL TYPE

MODEL NAME:

Identify all applicable algorithms that establish the source term from an event. If the model does not have a source term submodel, indicate this in ITEM 1 and skip the rest of the PART A questions.

<table>
<tr><td>1</td><td>Source Term Algorithm?</td><td>___YES ___NO</td></tr>
<tr><td rowspan="3">2</td><td rowspan="3">For Chemical Consequence Assessment Models (Identify which chemical source terms the model is capable of addressing from the choices listed. For each type of source term the model can address, briefly describe the technique utilized.)</td><td>a. Liquid spill:

___pool evaporation ___particulate resuspension</td></tr>
<tr><td>b. Pressurized releases:

___two-phase jets ___flashing
___entrainment ___aerosol formation</td></tr>
<tr><td>c. Solid spills:

___resuspension ___sublimation</td></tr>
</table>

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SPECIFIC CHARACTERISTICS

PART A: SOURCE TERM SUBMODEL TYPE

MODEL NAME:

3	**For Radiological Consequence Assessment Models** (*Identify which radiological source terms the model is capable of addressing from the choices listed. For each type of source term the model can address, briefly describe the technique utilized.*)	**a. Gaseous releases** **___noble gases ___iodines** **___other non-reactive gases**
		b. Aerosol releases:
		c. Particulate releases:
		d. ___Chemistry **___isotopic exchange** **___physical properties capability**
4	**For Weapons Consequence Assessment Models** (*Identify which source terms the model is capable of addressing from the choices listed. For each type of source term the model can address, briefly describe the technique utilized.*)	**a. Chemical weapon release characteristics:**
		b. Biological weapon release characteristics: